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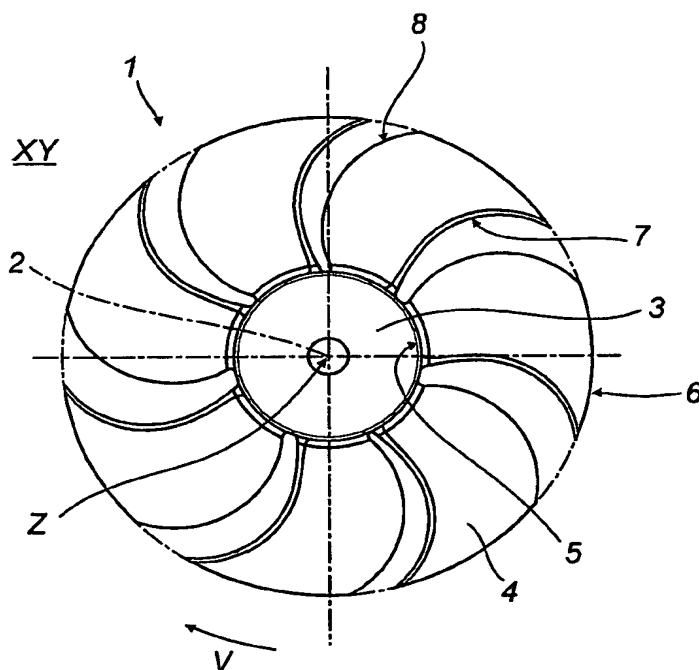
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ning of each regular issue of the PCT Gazette.

(54) Title: A HIGH EFFICIENCY AXIAL FAN



(57) Abstract: An axial fan (1) rotating in a plane (XY) about an axis (2) comprises a central hub (3), a plurality of blades (4), which have a root (5) and a tip (6), the blades (4) being delimited by a concave leading edge (7), whose projection in the fan plane of rotation (XY) is defined by two circular arc segments, and a convex trailing edge (8), whose projection in the fan plane of rotation (XY) is defined by one circular arc segment; the blades (4) are made from sections with aerodynamic profiles relatively extending in the direction of their centre line, providing good flow rate and air pressure relative to the overall dimensions of the fan.

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